

THE TAMIL NADU DR. M.G.R. MEDICAL UNIVERSITY

[AHS 0423]

APRIL 2023

Sub. Code: 3002

**B.Sc. CLINICAL NUTRITION
FIRST YEAR (Regulation 2018-2019 onwards)
PAPER II – HUMAN PHYSIOLOGY**

Q. P. Code: 803002

Time: Three hours

Maximum : 100 Marks

Answer ALL Questions

I. Elaborate on: **(3 x 10 = 30)**

1. Draw and label the parts of digestive tract. Explain in detail about the formation and function of bile.
2. Define Erythropoiesis. Describe in detail the stages of Erythropoiesis.
3. Name the different chambers of heart. Write in detail about the blood supply of heart.

II. Write notes on: **(8 x 5 = 40)**

1. Hemoglobin.
2. Functions of thyroid hormone.
3. Peptic ulcer.
4. Dietary fiber.
5. Neuro muscular junction.
6. Functions of skin.
7. Errors of refraction.
8. Cell membrane.

III. Short answers on: **(10 x 3 = 30)**

1. Pernicious anemia.
2. Functions of lysosomes.
3. Non respiratory functions of lung.
4. Heart sounds.
5. Major blood group system.
6. Placental hormones.
7. Juxta glomerular apparatus.
8. Ovulation.
9. Name the hormones secreted from pancreas.
10. Neuroglial cells.
